

ATTORNEY DOCKET NO.  
004578.1147

PATENT APPLICATION  
10/028,009

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2821

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S.T.

08-12-03



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of: Paul E. DOUCETTE, et al.  
Serial No.: 10/028,009  
Filing Date: December 21, 2001  
Group No.: 2821  
Examiner: Unknown  
Title: METHOD AND APPARATUS FOR PROCESSING  
SIGNALS IN AN ARRAY ANTENNA SYSTEM

IC 2800 MAIL ROOM

JUL 30 2003

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Name Judy Baggett  
Date: 7/23/03

FIFTH INFORMATION DISCLOSURE STATEMENT

Pursuant to the provisions of 37 CFR §§1.56, 1.97 and 1.98, Applicants are enclosing copies of two documents which may be material to examination of the present application. These two documents are each listed on enclosed Form PTO-1449, and were recently cited in an Office Action issued in copending U.S. Serial No. 09/478,035 filed January 5, 2000 (Attorney Reference 004578.0985, 99E080).

This Information Disclosure Statement is being submitted prior to issuance of a first Office Action in the present application. Accordingly, it is believed that no fee is due in association with the filing of this IDS.

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Favorable consideration of the present application  
is respectfully requested.

Respectfully submitted,  
BAKER BOTTS L.L.P.  
Attorneys for Applicants



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Date: July 23, 2003

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Enclosures: Form PTO-1449, and one copy  
of each listed document  
Post Card

PTO-1449

Application No.  
10/028,009Applicant(s)  
Paul E. Doucette, et al.**Information Disclosure Citation  
In an Application**Docket Number  
004578.1147Group Art Unit  
2821Filing Date  
December 21, 2001**U.S. PATENT DOCUMENTS**

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A	5,475,392	12/12/95	Newberg, et al.			
B						
C						
D						
E						
F						
G						
H						
I						
J						
K						
L						

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**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
M							--	
N							--	
O							--	
P								
Q								

**DOCUMENT (Including Author, Title, Source, Pertinent Pages, and Date)**

R	Guirong, et al. "Mixer-free All Digital Quadrature Demodulation", IEEE Proceedings of the Fourth International Conference on Signal Processing (ICSP), October 12, 1998, Vol. 2, pages 1704-1707 and an index sheet.
S	
T	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

U.S. PATENT AND TRADEMARK OFFICE

DAL01:747755.1